

(19) KOREAN INTELLECTUAL PROPERTY OFFICE

## KOREAN PATENT ABSTRACTS

(11)Publication number: 1020010056682 A  
 (43)Date of publication of application: 04.07.2001

(21)Application number: 1019990058254  
 (22)Date of filing: 16.12.1999

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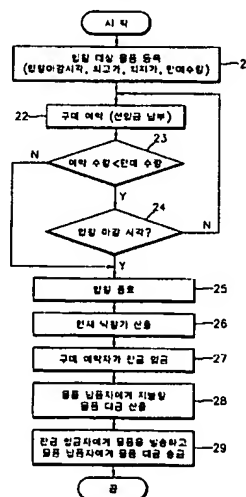
(51)Int. Cl G06F 17/60

## (54) SYNERGY AUCTION METHOD USING COMPUTER NETWORK SYSTEM

## (57) Abstract:

PURPOSE: A synergy auction method using a computer network system is provided to perform an auction process between computers being connected to a communication network through on-line and to adjust a contract price in accordance with the number of persons bidding to a commodity to be auctioned by using the communication network as the Internet.

CONSTITUTION: A seller enters a main homepage of a server computer of a server computer through a browser in one's computer, and registers a bid-objected commodity to be auctioned(21). A bidder searches commodity information out of information provided from a server computer and registers a buying reservation and pays a prepayment(22). If the number of a buying reserved commodity is identified with the number of selling commodity, a bid process is terminated(25) by comparing the number of a buying reserved commodity with the number of selling commodity(23). If the number of a buying reserved commodity is less than the number of selling commodity, it is checks whether a bid closing time is reached(24). If the bid is terminated, the current contract price is calculated by considering the number of buying reserved persons(26). The reserved persons pay the remaining money(27). A commodity cost is decided in accordance with the final contract price and closing paying suppliers(28). The commodity is delivered and the commodity cost is transmitted(29).



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Legal Status

Date of final disposal of an application (20020528)

Patent registration number (1003850160000)

Date of registration (20030512)

Number of opposition against the grant of a patent ( )

Date of opposition against the grant of a patent ( )

Number of trial against decision to refuse (2002101002488)

Date of requesting trial against decision to refuse (20020626)

Date of extinction of right ( )



ENGLISH TRANSLATION OF ABSTRACT OF KR2001-56682 A

The present invention is related to an on-line auction method using computer network system and, particularly, to a synergy auction method in which the winning price is decided by considering the number of bidders for the item being auctioned. This on-line auction method includes the steps of auction off step in which server computer sets number of selling item and provides information related to the item with bidders; reservation of buying step in which the bidders visit the server computer and reserve buying of the item being auctioned; and winning price decision step in which the winning price is decided according to the quantity of the buying-reserved item after the bidding. By the present invention, it is possible to flexibly decide the item price according to the number (or bidding/winning quantity of the item) of the bidders (or the winners) for the item and, accordingly, to make appropriate contribution of the interest between the sellers and the buyers according to the quantity of the item being on trade.